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(21) International Application Number: PCT/US99/12773 (22) International Filing Date: 8 June 1999 (08.06.99) (30) Priority Data: 60/089,098 12 June 1998 (12.06.98) US (71) Applicant (for all designated States except US): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): FEIGHNER, Scott, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). PATCHETT, Arthur, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). TAN, Carina [MY/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). MC-KEE, Karen [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). MACNEIL, Douglas [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). HOWARD, Andrew, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). PONG, Sheng-Shung [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). SMITH, Roy, G. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).		(74) Common Representative: MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). (81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: CLONING AND IDENTIFICATION OF THE MOTILIN RECEPTOR (57) Abstract <p>The motilin receptor has been isolated and cloned, and nucleic acid sequences are given. Two splice variants have been identified. Also, assays for motilin receptor ligands are given. The identification of the cloned motilin receptor may be used to screen and identify compounds which bind to the receptor for use in a variety of gastric conditions, including gastric motility disorders.</p>		